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To: James Burke/R3/USEPA/US@EPA, Kelly Bunker/R3/USEPA/US@EPA
cc:
Subject: PA Act 2, TSCA, and Region III RBC PCBs comparison

Hi Jim and Kelly - please see the attached table for all of the details.



PA2.wpd

-Ruth

Comparison of PCB Cleanup Levels and Screening Criteria (mg/kg)

Chemical Terminology	PA Act 2 - Residential Non-Residential	TSCA 761.61 - Cleanup Levels for Remediation Waste for Variety of Land Uses	Region III Risk-Based Concentrations - Residential Industrial
Total PCBs	-----	High Occupancy - 1 Low Occupancy - 25	0.32 1.4
Aroclor 1016	15 200		5.5 41
Aroclor 1221	36 160		0.32 1.4
Aroclor 1232	36 160		0.32 1.4
Aroclor 1242	36 160		0.32 1.4
Aroclor 1248	9.9 44		0.32 1.4
Aroclor 1254	4.4 44		0.32 1.4
Aroclor 1260	30 130		0.32 1.4

Residential PCB Cleanup Levels and Screening Criteria
-Inputs that Differ

Input	PA Act 2	TSCA 761.61	Region III Risk-Based Concentration
Cancer Slope Factor (mg/kd-day) ⁻¹	0.09 - 1.8 Source: previous NCEA provisional values	4.0 Source: Assessment of Risks Associated with the PCB Disposal Amendments (Versar, 1998)	Aroclor 1016: 7E-2 All other PCBs: 2.0 Source: Current IRIS
Target Risk (unitless)	1E-5	1E-6	1E-6
Exposure Frequency (days/year)	250 Equivalent to EPA Industrial exposure frequency	350	350
Age-adjusted Ingestion Factor	100 mg/day children, 50 mg/day adults; Equivalent to EPA Industrial exposure frequency	100 mg/day children only	200 mg/day children, 100 mg/day adults Source: USEPA Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites OSWER 9355.4-24, December 2002